

TRUCKEE RIVER BASIN, TRUCKEE RIVER BASIN

10347310 DOG CREEK AT VERDI, NV

LOCATION.--Lat 39°31'28", long 119°59'40" referenced to North American Datum of 1927, in NE ¼ SE ¼ sec. 07, T.19 N., R.18 E., Washoe County, Hydrologic Unit 16050102, On the right bank, and 500 feet above confluence with the Truckee River.

DRAINAGE AREA.--24.2 mi².

PERIOD OF RECORD.--November 1992 to September 1998; April 10 to September 2004

GAGE.--Water-stage recorder. Elevation of gage is 4,900 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. [See schematic diagram of Truckee River Basin, Truckee River Basin and Pyramid-Winnemucca Lakes.](#)

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,500 ft³/s, January 1, 1997, gage height, 8.82 ft; minimum daily, 0.30 ft³/s, June 30, July 1, 2, 14, 15, 18.

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 40 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)	Date	Time	Discharge (ft ³ /s)	Gage height (ft)
April 9	1415	*5.7	*4.44				

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	e1.9	0.59	0.45	0.38	0.44
2	---	---	---	---	---	---	---	e1.8	0.57	0.43	0.39	0.45
3	---	---	---	---	---	---	---	e1.7	0.54	0.43	0.41	0.48
4	---	---	---	---	---	---	---	e1.5	0.52	0.41	0.41	0.49
5	---	---	---	---	---	---	---	e1.4	0.49	0.40	0.41	0.48
6	---	---	---	---	---	---	---	1.4	0.49	0.38	0.41	0.46
7	---	---	---	---	---	---	---	1.5	0.48	0.37	0.41	0.46
8	---	---	---	---	---	---	---	1.7	0.56	0.38	0.40	0.46
9	---	---	---	---	---	---	---	e1.5	0.65	0.38	0.40	0.46
10	---	---	---	---	---	---	4.8	e1.4	0.61	0.38	0.39	0.46
11	---	---	---	---	---	---	e4.2	e1.3	0.55	0.38	0.39	0.46
12	---	---	---	---	---	---	e4.1	e1.3	0.52	0.37	0.41	0.46
13	---	---	---	---	---	---	e3.9	e1.4	0.47	0.37	0.46	0.47
14	---	---	---	---	---	---	e3.8	e1.3	0.45	0.37	0.49	0.50
15	---	---	---	---	---	---	e3.6	e1.2	0.42	0.36	0.47	0.50
16	---	---	---	---	---	---	e3.5	e1.1	0.42	0.37	0.50	0.49
17	---	---	---	---	---	---	e3.4	e1.0	0.48	0.37	0.46	0.49
18	---	---	---	---	---	---	e3.2	e1.0	0.51	0.38	0.44	0.50
19	---	---	---	---	---	---	e3.1	e0.90	0.46	0.39	0.48	0.52
20	---	---	---	---	---	---	e3.0	e0.90	0.45	0.39	0.53	0.57
21	---	---	---	---	---	---	3.0	e0.80	0.44	0.39	0.48	0.56
22	---	---	---	---	---	---	3.0	0.96	0.43	0.39	0.47	0.55
23	---	---	---	---	---	---	3.0	0.82	0.42	0.39	0.48	0.52
24	---	---	---	---	---	---	3.0	0.74	0.41	0.40	0.47	0.54
25	---	---	---	---	---	---	2.6	0.75	0.40	0.41	0.46	0.54
26	---	---	---	---	---	---	e2.6	0.71	0.40	0.40	0.49	0.55
27	---	---	---	---	---	---	e2.5	0.69	0.42	0.39	0.49	0.54
28	---	---	---	---	---	---	e2.3	0.72	0.43	0.38	0.48	0.55
29	---	---	---	---	---	---	e2.2	0.74	0.44	0.37	0.46	0.56
30	---	---	---	---	---	---	e2.1	0.70	0.46	0.38	0.46	0.58
31	---	---	---	---	---	---	---	0.63	---	0.38	0.45	---
TOTAL	---	---	---	---	---	---	---	35.46	14.48	12.04	13.83	15.09
MEAN	---	---	---	---	---	---	---	1.14	0.48	0.39	0.45	0.50
MAX	---	---	---	---	---	---	---	1.9	0.65	0.45	0.53	0.58
MIN	---	---	---	---	---	---	---	0.63	0.40	0.36	0.38	0.44
AC-FT	---	---	---	---	---	---	---	70	29	24	27	30

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1993 - 2004, BY WATER YEAR (WY)

MEAN	1.16	1.64	7.90	20.9	19.5	55.1	34.6	14.1	4.61	1.31	0.65	0.79
MAX	1.41	2.18	37.8	90.6	59.1	98.0	63.6	40.5	12.9	2.49	0.93	1.19
(WY)	(1997)	(1997)	(1997)	(1997)	(1996)	(1993)	(1993)	(1995)	(1995)	(1995)	(1996)	(1998)
MIN	0.78	1.24	1.22	1.27	1.78	2.21	1.36	1.14	0.48	0.35	0.44	0.50
(WY)	(1995)	(1995)	(1994)	(1994)	(1994)	(1994)	(1994)	(2004)	(2004)	(1994)	(1994)	(2004)

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SUMMARY STATISTICS	WATER YEARS 1993 - 2004	
ANNUAL MEAN	13.2	
HIGHEST ANNUAL MEAN	19.6	1995
LOWEST ANNUAL MEAN	1.14	1994
HIGHEST DAILY MEAN	1,200	Jan 1, 1997
LOWEST DAILY MEAN	0.30	Jun 30, 1994
ANNUAL SEVEN-DAY MINIMUM	0.31	Jun 27, 1994
MAXIMUM PEAK FLOW	2,500	Jan 1, 1997
MAXIMUM PEAK STAGE	8.82	Jan 1, 1997
ANNUAL RUNOFF (AC-FT)	9,560	
10 PERCENT EXCEEDS	36	
50 PERCENT EXCEEDS	1.8	
90 PERCENT EXCEEDS	0.70	

e Estimated